Title (en)

IMMUNITY-INDUCING AGENT AND METHOD FOR DETECTION OF CANCER

Title (de)

IMMUNITÄTSINDUZIERENDES MITTEL UND VERFAHREN FÜR DEN NACHWEIS VON KREBS

Title (fr)

AGENT INDUISANT UNE IMMUNITÉ ET PROCÉDÉ DE DÉTECTION D UN CANCER

Publication

EP 2319533 A4 20121107 (EN)

Application

EP 09794513 A 20090710

Priority

- JP 2009062574 W 20090710
- JP 2008180548 A 20080710

Abstract (en)

[origin: EP2319533A1] An immunity-inducing agent comprising as an effective ingredient(s) at least one polypeptide selected from the following polypeptides, the polypeptide(s) having an immunity-inducing activity/activities, or as an effective ingredient(s) a recombinant vector(s) which comprise(s) a polynucleotide(s) encoding the polypeptide(s) and is/are capable of expressing the polypeptide(s) in vivo can be used for therapy and/or prophylaxis of cancer: (a) a polypeptide consisting essentially of not less than 7 consecutive amino acids in any one of the amino acid sequences shown in the odd number IDs of SEQ ID NOs:3 to 95 in SEQUENCE LISTING; (b) a polypeptide having a sequence identity of not less than 90% with the polypeptide (a) and consisting essentially of not less than 7 amino acids; and (c) a polypeptide comprising the polypeptide (a) or (b) as a partial sequence thereof. Further, since the above polypeptide(s) react(s) with antibodies existing specifically in serum of a cancer patient, it is possible to detect cancer in a living body by measuring the antibodies in a sample.

IPC 8 full level

A61K 39/00 (2006.01); **A61K 31/711** (2006.01); **A61K 35/12** (2006.01); **A61K 35/74** (2006.01); **A61K 38/00** (2006.01); **A61K 45/00** (2006.01); **A61K 48/00** (2006.01); **A61P 35/00** (2006.01); **A61P 35/02** (2006.01); **A61P 37/04** (2006.01); **C07K 14/47** (2006.01); **C12N 5/07** (2010.01); **C12N 15/09** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/574** (2006.01)

CPC (source: EP US)

A61K 31/711 (2013.01 - EP US); **A61K 39/001129** (2018.08 - EP US); **A61P 35/00** (2018.01 - EP); **A61P 35/02** (2018.01 - EP); **A61P 37/04** (2018.01 - EP); **C07K 14/47** (2013.01 - EP US); **G01N 33/57415** (2013.01 - EP US); **G01N 33/57426** (2013.01 - EP US); A61K 38/00 (2013.01 - EP US); A61K 2039/55566 (2013.01 - EP US); A61K 2039/80 (2018.08 - EP US); A61K 2039/804 (2018.08 - EP US); A61K 2039/812 (2018.08 - EP US)

Citation (search report)

- [XI] WO 2004024750 A2 20040325 - DYAX CORP [US], et al
- [X] WO 2004048938 A2 20040610 - PROTEIN DESIGN LABS INC [US], et al
- [I] EP 0419858 A1 19910403 - CHEMO SERO THERAPEUT RES INST [JP]
- See also references of WO 2010005069A1

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2319533 A1 20110511; **EP 2319533 A4 20121107**; **EP 2319533 B1 20170510**; AU 2009270182 A1 20100114; AU 2009270182 B2 20150122; BR PI0910513 A2 20150929; BR PI0910513 B1 20200616; BR PI0910513 B8 20210525; CA 2730088 A1 20100114; CA 2730088 C 20200414; CN 102089001 A 20110608; CN 102089001 B 20150114; DK 2319533 T3 20170717; ES 2633468 T3 20170921; HU E035804 T2 20180528; JP 5703562 B2 20150422; JP WO2010005069 A1 20120105; KR 101323192 B1 20131030; KR 20110019766 A 20110228; MX 2011000116 A 20110225; PL 2319533 T3 20171031; PT 2319533 T 20170720; RU 2011104704 A 20120820; RU 2519675 C2 20140620; US 2011130343 A1 20110602; US 8901082 B2 20141202; WO 2010005069 A1 20100114

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